FIG 1

100

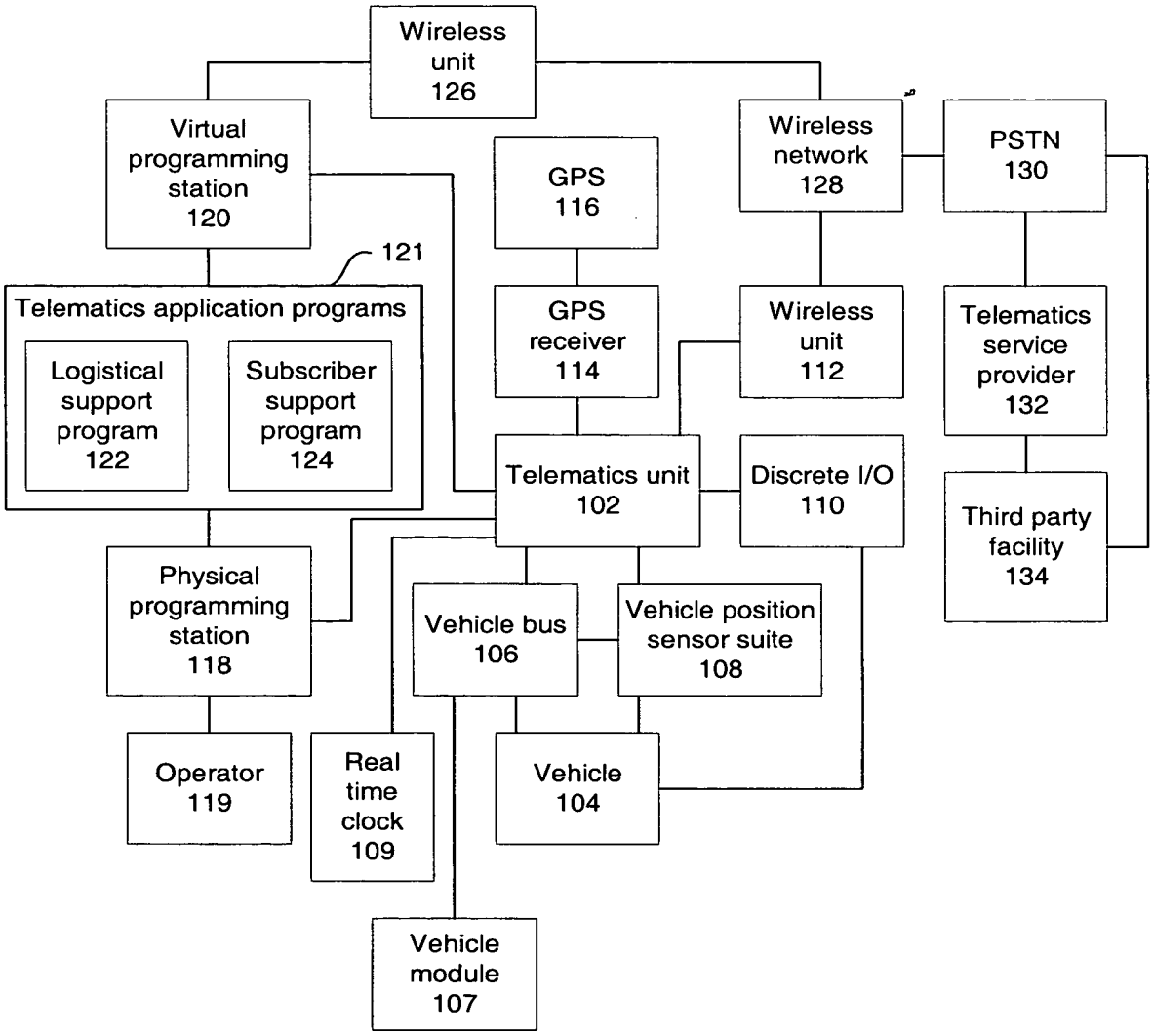

Wireless unit 126
Virtual programming station 120
GPS 116
Wireless network 128
PSTN 130
121
Telematics application programs
Logistical support program 122
Subscriber support program 124
GPS receiver 114
Wireless unit 112
Telematics service provider 132
Telematics unit 102
Discrete I/O 110
Third party facility 134
Physical programming station 118
Vehicle bus 106
Vehicle position sensor suite 108
Operator 119
Real time clock 109
Vehicle 104
Vehicle module 107

FIG 2

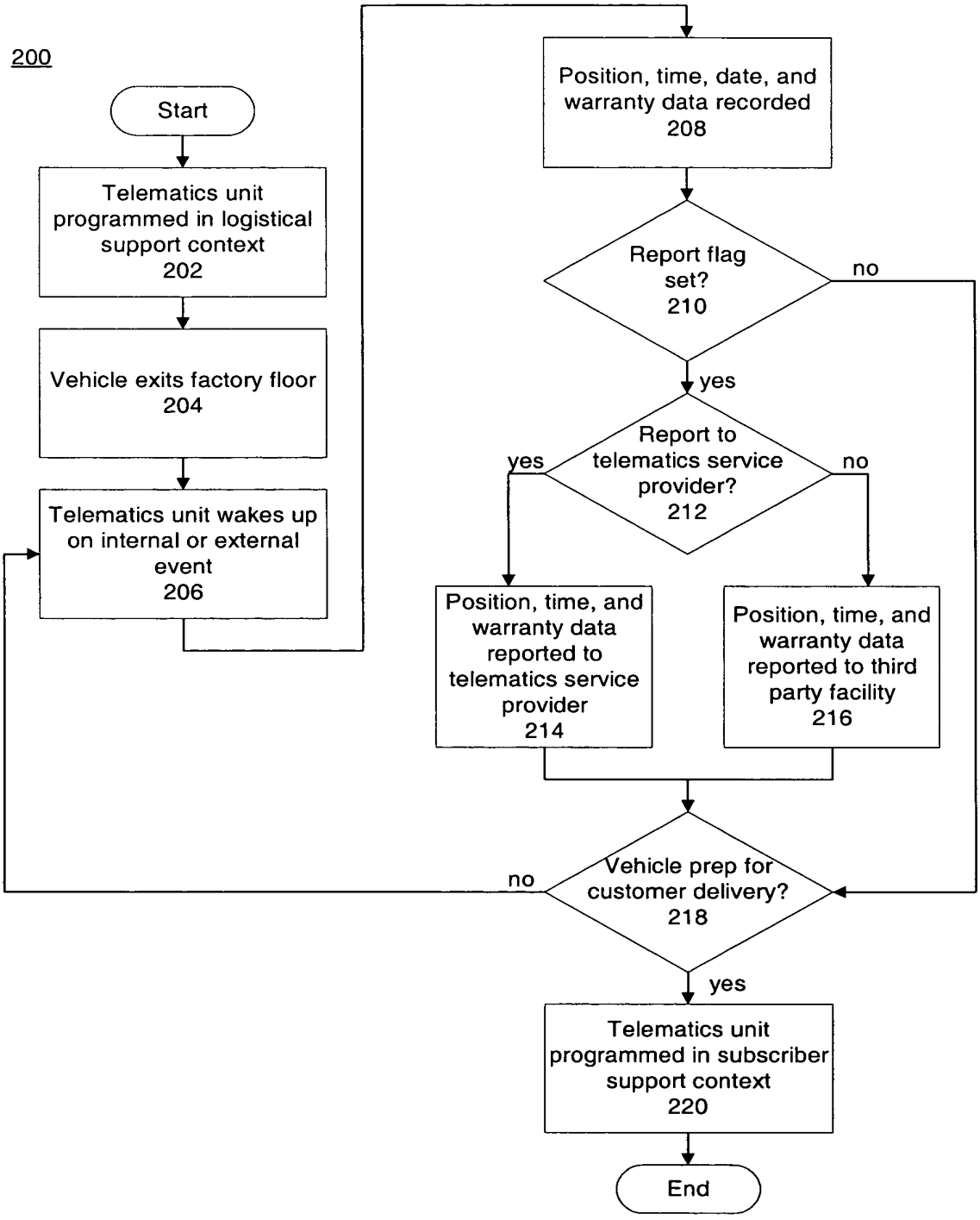

200
Start
Telematics unit programmed in logistical support context 202
Vehicle exits factory floor 204
Telematics unit wakes up on internal or external event 206
Position, time, date, and warranty data recorded 208
Report flag set? 210
no
yes
Report to telematics service provider? 212
yes
no
Position, time, and warranty data reported to telematics service provider 214
Position, time, and warranty data reported to third party facility 216
Vehicle prep for customer delivery? 218
no
yes
Telematics unit programmed in subscriber support context 220
End

FIG 3

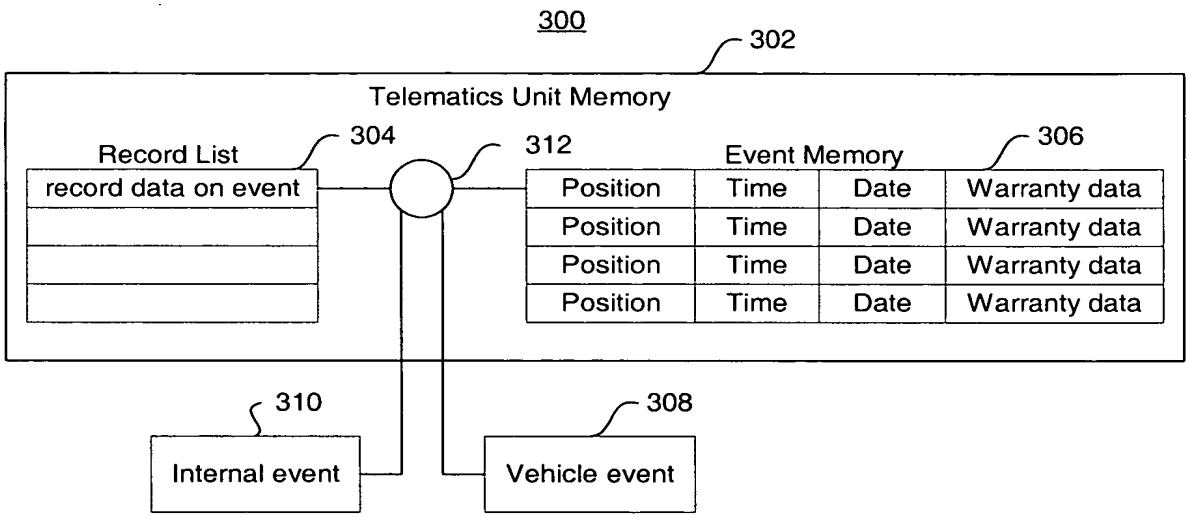
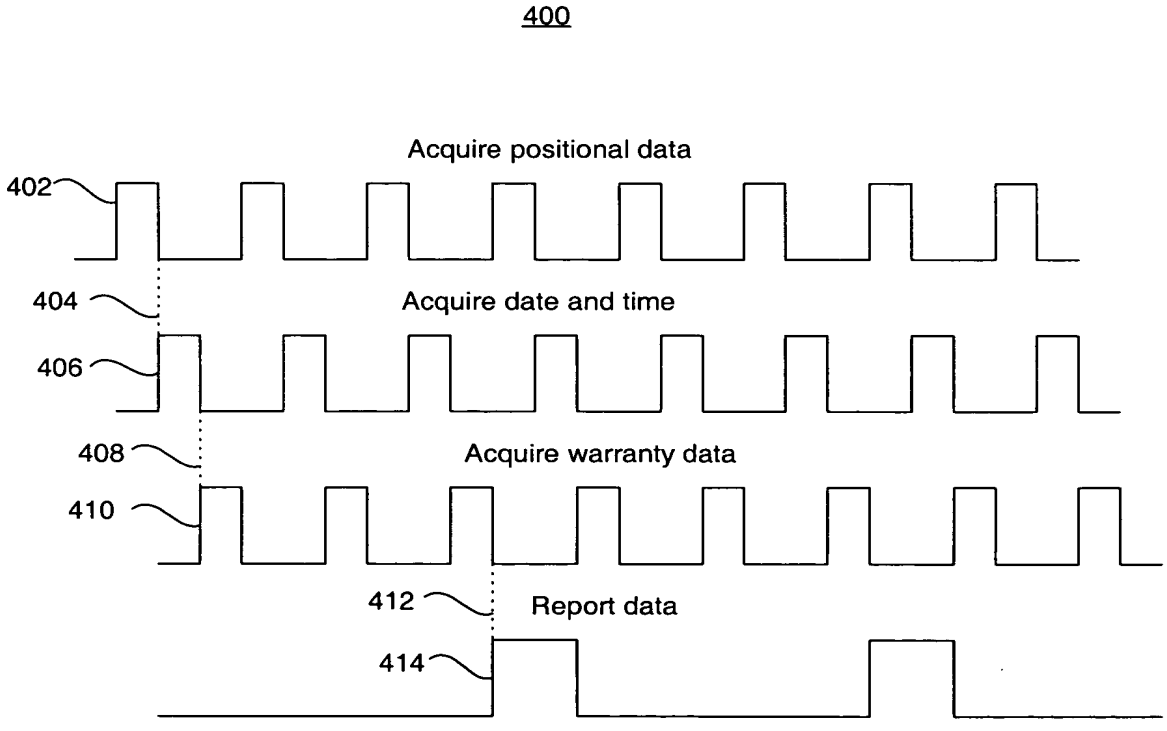

300
302
Telematics Unit Memory
Record List
304
312
Event Memory
306
record data on event
Position
Time
Date
Warranty data
310
308
Internal event
Vehicle event

FIG 4


400
Acquire positional data
402
404
Acquire date and time
406
408
Acquire warranty data
410
412
Report data
414

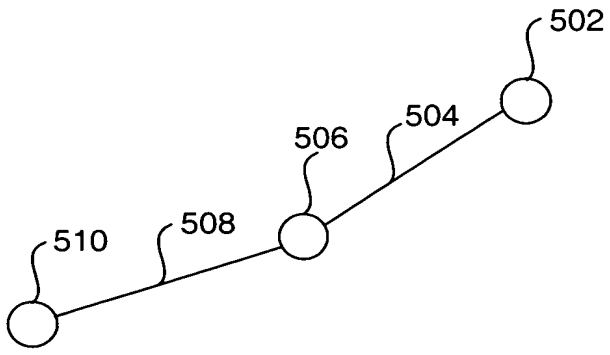



FIG 5